

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						February 2002		
TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL				FROM USACE. District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Dames Pt Turn thru Quarentine Isl Upper Range: Cut-43 & 44, from Dames Point Bridge to 150 feet north of Green Buoy-51	Nov-2001	500-1200	1.3	38	37.8	38.7	38.2	36.0 (1)
Brills Cut: Cut-45 & 46, from 150 feet north of Green Buoy-51 to Green Buoy-55	Nov-2001	450-625	1.2	38	38.8	39.5	38.9	36.3 (2)
Broward Pt Turn: Cut-47 thru 49, from Green Buoy-55 to 400 feet east of Green Buoy-59	Nov-2001	515-850	0.9	38	31.5 (3)	39.1	39.0	38.7
Drummond Creek Range: Cut-50, from 400 feet east of Green Buoy- 59 to 1,200 feet north of Green Buoy-63	Nov-2001	400-860	1.6	38	38.3	39.2	39.4	37.1 (4)
Trout River Cut: Cut-51, from 1,200 feet north of Green Buoy-63 to 200 feet south of Red Buoy-68	Nov-2001	400-860	1.1	38	41.2	42.4	43.0	39.8
Chaseville Turn: Cut-52 thru 54, from 200 feet south of Red Buoy-68 to approximately 700 feet south of Green Buoy-71	Nov-2001	450-800	0.7	38	38.2	39.4	40.3	38.2
Long Branch Range: Cut-55, from 700 feet south of Green Buoy-71 to Terminal Channel	Nov-2001	650-1340	0.8	38	37.7	39.8	40.9	38.5
Terminal Channel: from easterly end of Terminal Channel to end of 38-foot project	Nov-2001	575-1340	1.2	38	35.6 (5)	39.3	39.9	38.2

Remarks:

1. Spot shoaling located along the northern edge of the channel, just west of Dames Point Bridge.
2. Spot shoaling located along the northern edge of the channel, adjacent to green Buoy-53.
3. Shoaling located along the southern edge of widener, from green Buoy-55 to 700 feet east of green Buoy-57.
4. Spot shoaling located just west of red Buoy-58.
5. Spot shoaling located laong the eastern edge of channel, approximately 350 feet south of green Buoy-75.